

## ABSTRACT

The invention is of both a composition and method for inhibiting the proliferation of cancerous cells. The composition is, and the method is based on the use of a composition consisting (among active ingredients) substantially of 2-methoxyestradiol and/or one of a number of analogues thereof. The present inventors have demonstrated beyond serious doubt that these compounds have a pronounced effect in inhibiting the proliferation of cancerous cells and, therefore, provide a desperately needed stepping stone for advancing toward meaningful treatment of cancer.

10

15

20